

|  |                           |                                  |                        |                        |
|--|---------------------------|----------------------------------|------------------------|------------------------|
| <b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>   |                           |                                  |                        | Docket No.<br>UCT-0039 |
| Applicant(s): Sandra Weller, et al.  |                           |                                  |                        |                        |
| Application No.<br>10/656,868  | Filing Date<br>09/04/2003 | Examiner<br>C. L. Patterson, Jr. | Group Art Unit<br>1652 |                        |
| Invention: VIRAL RECOMBINASES, RELATED ARTICLES, AND METHODS OF USE THEREOF  |                           |                                  |                        |                        |
| RECEIVED<br>CENTRAL FAX CENTER   |                           |                                  |                        |                        |
| JAN 05 2006  |                           |                                  |                        |                        |
| <p>I hereby certify that this <u>Amendment Transmittal (1); Amendment (12)</u><br/><small>(Identify type of correspondence)</small><br/>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571 273-8300</u>)<br/>on <u>January 5, 2006</u><br/><small>(Date)</small></p> |                           |                                  |                        |                        |
| <p><u>Jackie Boya</u><br/><small>(Typed or Printed Name of Person Signing Certificate)</small><br/><br/><small>(Signature)</small></p>   |                           |                                  |                        |                        |
| <p>Note: Each paper must have its own certificate of mailing.</p>  |                           |                                  |                        |                        |

| <b>AMENDMENT TRANSMITTAL LETTER (Small Entity)</b>   |                                     |                                  |                                | Docket No.<br>UCT-0039 |                          |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
|--|-------------------------------------|----------------------------------|--------------------------------|------------------------|--------------------------|--------------------------|--|--|--|--|--|--|-------------------------------------|-----------------------------|--------------------------------|------|-------------------|---------------------|------|------|---|-----------|--------|----------------------|-----|-----|---|------------|--------|--|--|--|--|--|--------|--|--|--|--|--|--------|
| Applicant(s): Sandra Weller, et al.  |                                     |                                  |                                |                        |                          |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
| Application No.<br>10/656,868  | Filing Date<br>09/04/2003           | Examiner<br>C. L. Patterson, Jr. | Customer No.<br>23413          | Group Art Unit<br>1652 | Confirmation No.<br>8730 |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
| <p>Invention: <b>VIRAL RECOMBINASES, RELATED ARTICLES, AND METHODS OF USE THEREOF</b></p> <p style="text-align: right;"><b>RECEIVED<br/>CENTRAL FAX CENTER</b></p> <p style="text-align: right;"><b>JAN 05 2006</b></p> <p><b>COMMISSIONER FOR PATENTS:</b></p>  |                                     |                                  |                                |                        |                          |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
| <p>Transmitted herewith is an amendment in the above-identified application.</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>The fee has been calculated and is transmitted as shown below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6" style="text-align: center; padding: 5px;"><b>CLAIMS AS AMENDED</b></th> </tr> <tr> <th style="width: 15%;"></th> <th style="width: 20%; text-align: center; padding: 5px;">CLAIMS REMAINING<br/>AFTER AMENDMENT</th> <th style="width: 15%; text-align: center; padding: 5px;">HIGHEST #<br/>PREV. PAID FOR</th> <th style="width: 20%; text-align: center; padding: 5px;">NUMBER EXTRA<br/>CLAIMS PRESENT</th> <th style="width: 15%; text-align: center; padding: 5px;">RATE</th> <th style="width: 15%; text-align: center; padding: 5px;">ADDITIONAL<br/>FEE</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"><b>TOTAL CLAIMS</b></td> <td style="text-align: center; padding: 5px;">30 -</td> <td style="text-align: center; padding: 5px;">36 =</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">x \$25.00</td> <td style="text-align: center; padding: 5px;">\$0.00</td> </tr> <tr> <td style="padding: 5px;"><b>INDEP. CLAIMS</b></td> <td style="text-align: center; padding: 5px;">6 -</td> <td style="text-align: center; padding: 5px;">8 =</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">x \$100.00</td> <td style="text-align: center; padding: 5px;">\$0.00</td> </tr> <tr> <td colspan="5" style="padding: 5px;">Multiple Dependent Claims (check if applicable) <input type="checkbox"/></td> <td style="text-align: center; padding: 5px;">\$0.00</td> </tr> <tr> <td colspan="5" style="padding: 5px; text-align: right;"><b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b></td> <td style="text-align: center; padding: 5px;">\$0.00</td> </tr> </tbody> </table> <p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____</p> <p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 06-1130</p> <p><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</p> <p><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <p><u>Karen A. LeCuyer</u><br/><i>Signature</i></p> <p>Dated: January 5, 2006</p> <p>I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on January 5, 2006 via fax.</p> <p>(Date)</p> <p><i>Jackie Boya</i></p> <p>Signature of Person Mailing Correspondence<br/>Jackie Boya</p> <p>Typed or Printed Name of Person Mailing Correspondence</p> |                                     |                                  |                                |                        |                          | <b>CLAIMS AS AMENDED</b> |  |  |  |  |  |  | CLAIMS REMAINING<br>AFTER AMENDMENT | HIGHEST #<br>PREV. PAID FOR | NUMBER EXTRA<br>CLAIMS PRESENT | RATE | ADDITIONAL<br>FEE | <b>TOTAL CLAIMS</b> | 30 - | 36 = | 0 | x \$25.00 | \$0.00 | <b>INDEP. CLAIMS</b> | 6 - | 8 = | 0 | x \$100.00 | \$0.00 | Multiple Dependent Claims (check if applicable) <input type="checkbox"/> |  |  |  |  | \$0.00 | <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b> |  |  |  |  | \$0.00 |
| <b>CLAIMS AS AMENDED</b>   |                                     |                                  |                                |                        |                          |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
|  | CLAIMS REMAINING<br>AFTER AMENDMENT | HIGHEST #<br>PREV. PAID FOR      | NUMBER EXTRA<br>CLAIMS PRESENT | RATE                   | ADDITIONAL<br>FEE        |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
| <b>TOTAL CLAIMS</b>  | 30 -                                | 36 =                             | 0                              | x \$25.00              | \$0.00                   |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
| <b>INDEP. CLAIMS</b>   | 6 -                                 | 8 =                              | 0                              | x \$100.00             | \$0.00                   |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |                                     |                                  |                                |                        | \$0.00                   |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>   |                                     |                                  |                                |                        | \$0.00                   |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |
| cc:  |                                     |                                  |                                |                        |                          |                          |  |  |  |  |  |  |                                     |                             |                                |      |                   |                     |      |      |   |           |        |                      |     |     |   |            |        |  |  |  |  |  |        |  |  |  |  |  |        |

UCT-0039

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Sandra Weller, et al. )  
Serial No.: 10/656,868 ) Group Art Unit: 1652  
Filed: September 4, 2003 ) Examiner: Patterson  
For: VIRAL RECOMBINASES, )  
RELATED ARTICLES, AND )  
METHODS OF USE THEREOF )

RECEIVED  
CENTRAL FAX CENTER  
JAN 05 2006

**VIA FACSIMILE: (571) 273-8300**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

This Amendment is submitted in response to the Office Action dated October 5, 2005.  
Please amend the Application as follows: